

# **PROJECTION DISPLAY APPARATUS WITH** **TWO REFLECTIVE LIGHT PANELS**

## **Abstract**

A projection display apparatus includes a light source configured to supply light; a  
5 polarizing beam splitter for splitting light from the light source into two different polarization  
state lights; two reflective light panels of which each has a color filter embedded therein and  
respectively modulates the two polarization state lights so as to simultaneously produce red,  
green and blue image lights; and a projection lens receiving these color image lights and then  
10 projecting them onto a viewing surface so as to form a full-color image.